Papillomavirus

ANTISERUM: Dako (B0580). Rabbit polyclonal antibody.

IMMUNOGEN: Bovine papillomavirus-1 that was disrupted and exposed to cryptic determinants.

REACTIVITY ACCORDING TO MANUFACTURER: It is reactive with papillomavirus genus-specific (common) structural antigens regardless of host species. This antibody reacts with the L1 capsid proteins of most known papillomaviruses in infected normal and neoplastic epithelial cells that express the viral structural antigen. Staining is predominantly nuclear in a focal or diffuse pattern, although perinuclear cytoplasmic staining of koiocytes may also be seen.

STAINING PROCEDURE ACCORDING TO MANUFACTURER:
Formalin-fixed, paraffin-embedded tissue sections: Pretreatment with proteolytic enzymes is not required. It may be used at a dilution of 1/100 to 1/200 in the LSAB method.


METHOD: LSAB2-PO, 30 min. RT.

CELLS/TISSUES STAINED (canine tissues unless specified):
Oral and cutaneous papillomas: Diffuse or occasional focal intranuclear staining of hypertrophic (koilocytes) cells in the stratum scamosum or granular.

REFERENCES: